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Sheet 1 of 33 45389.00008.CIP1 WIDEBAND ACCESS INC. Atty. Noel C. Gillespie (858) 720-2500 EL 997870727 US

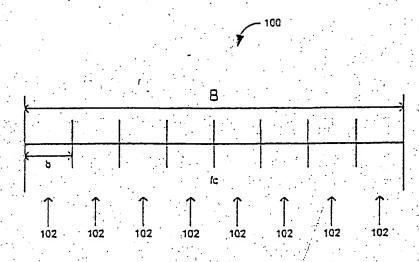


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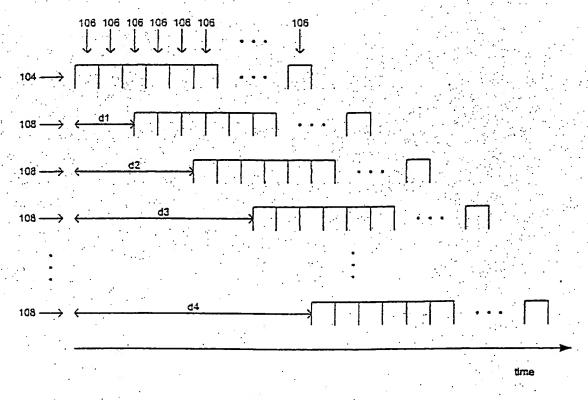


Figure -2

Sheet 2 of 33 45389.00008.CIP1 WIDEBAND ACCESS INC. Atty. Noel C. Gillespie (858) 720-2500 EL 997870727 US

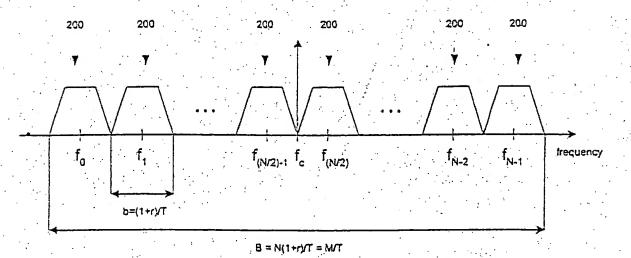


Figure 3

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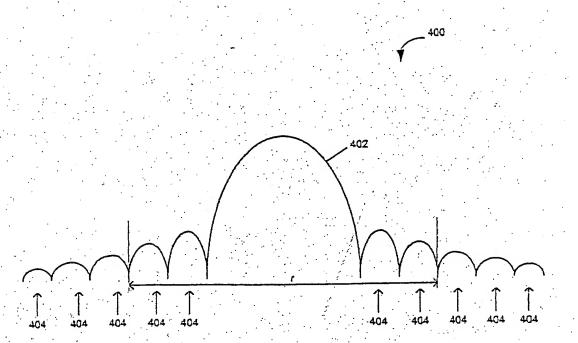


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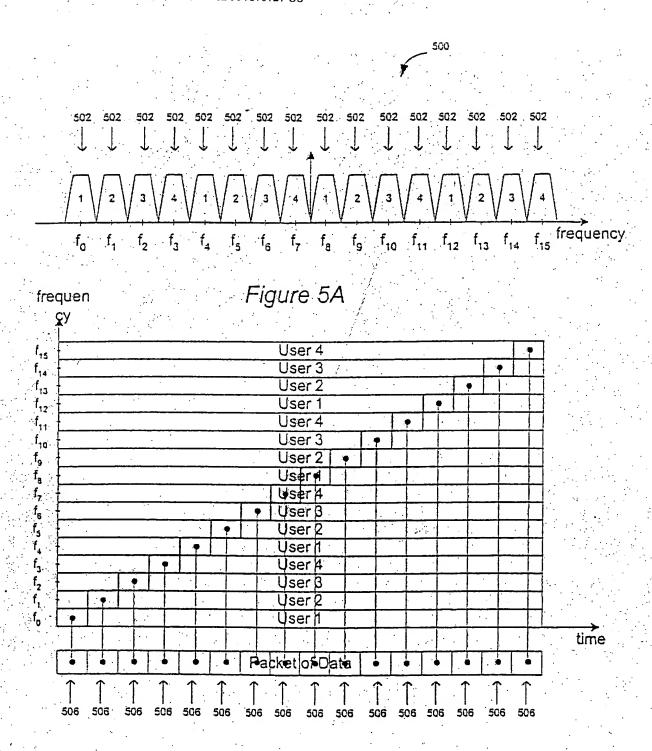


Figure 5B

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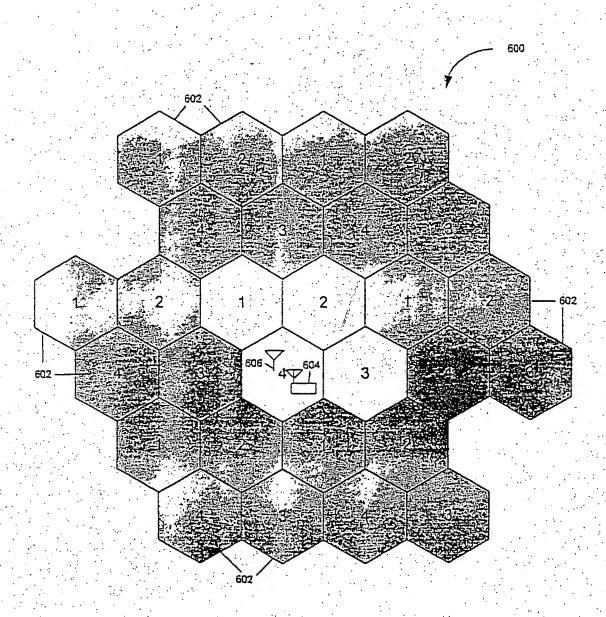


Figure 6

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	702	702	704	702	702	704	
	Y	y	-▼	Y .	7	7	
CELL 1	P1	P2	SYNC 1	Р3	P4	SYNC 1	⊸ 706
CELL 2	P1	P2	SYNC 2	P3	P4	SYNC2	→ 708
CELL 3	P1	P2	SYNC 3	P3	P4	SYNC 3	710
CELL 4	P1	P2	SYNC 4	Р3	P4	SYNC 4	→ - 712

Figure 7

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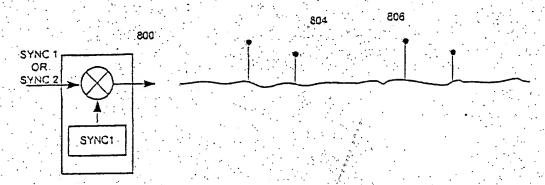
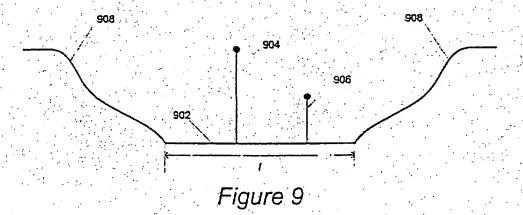


Figure 8



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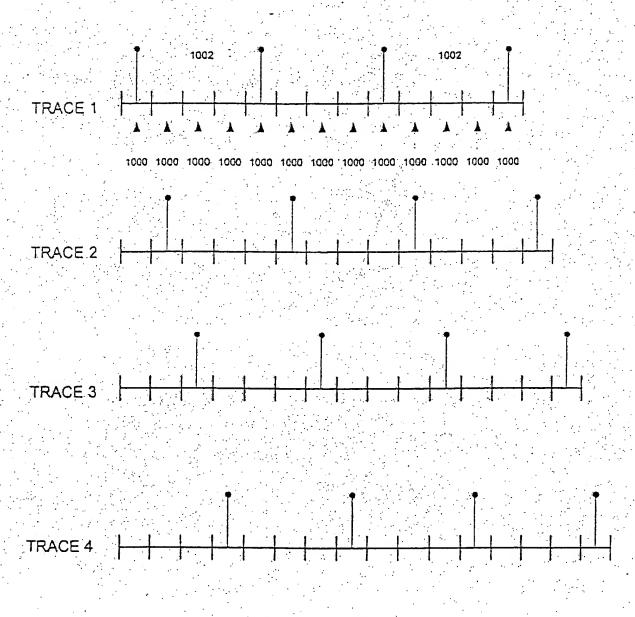


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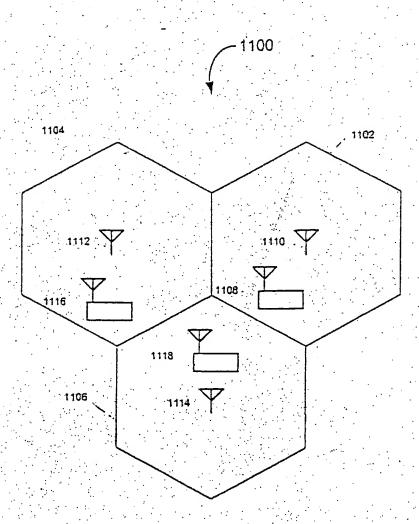


Figure 11

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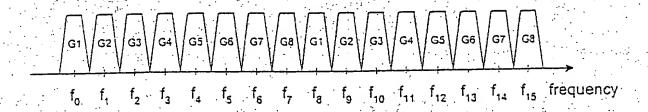


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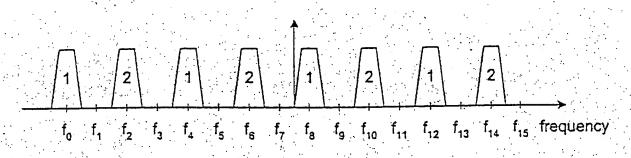


Figure 12B

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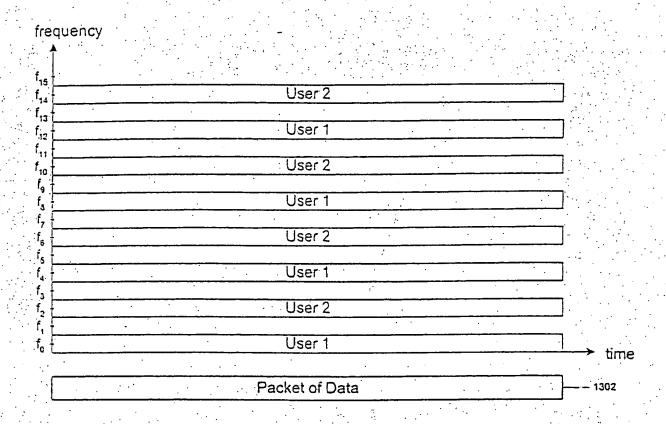


Figure 13

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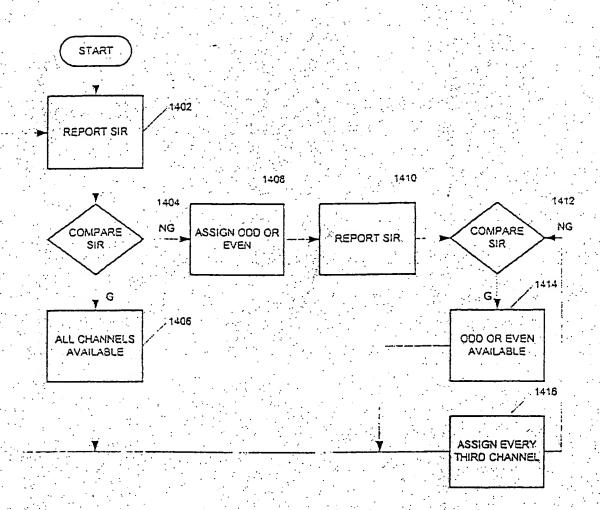


Figure 14

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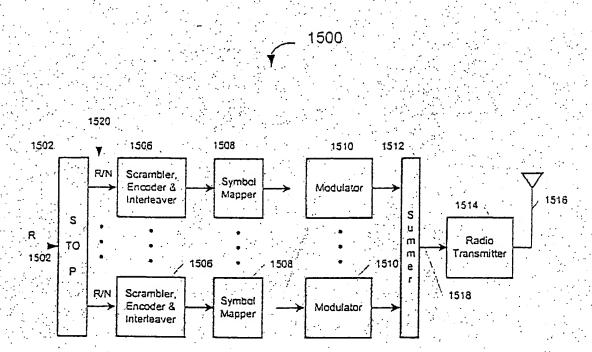


Figure 15

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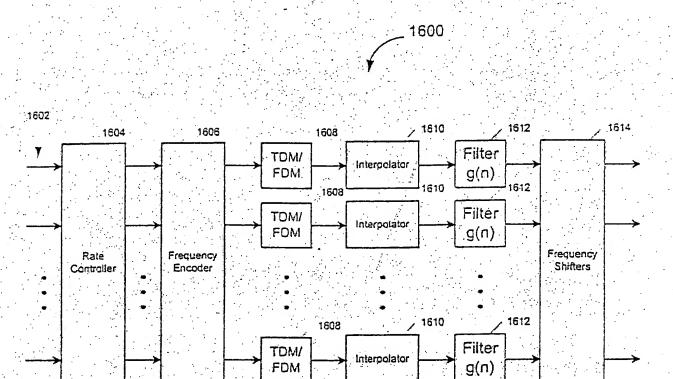


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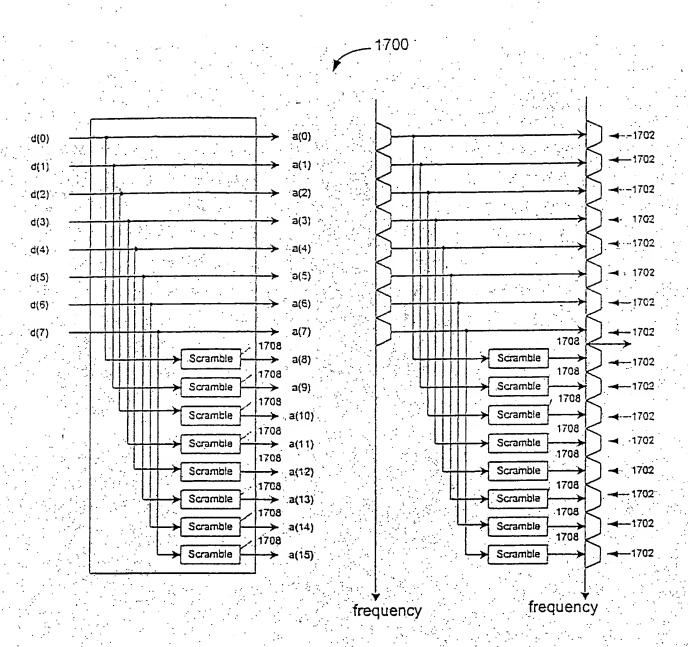


Figure 17

Sheet 16 of 33 45389.00008.CIPI WIDEBAND ACCESS INC. Atty. Noel C. Gillespie (858) 720-2500

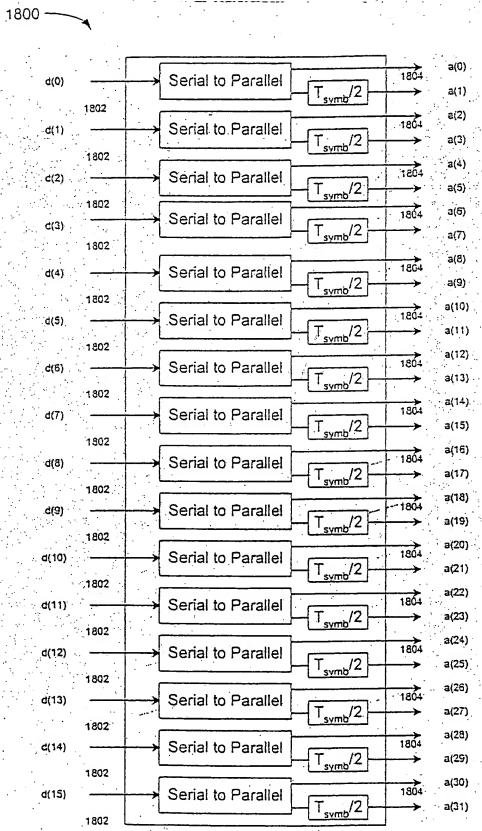


Figure 18

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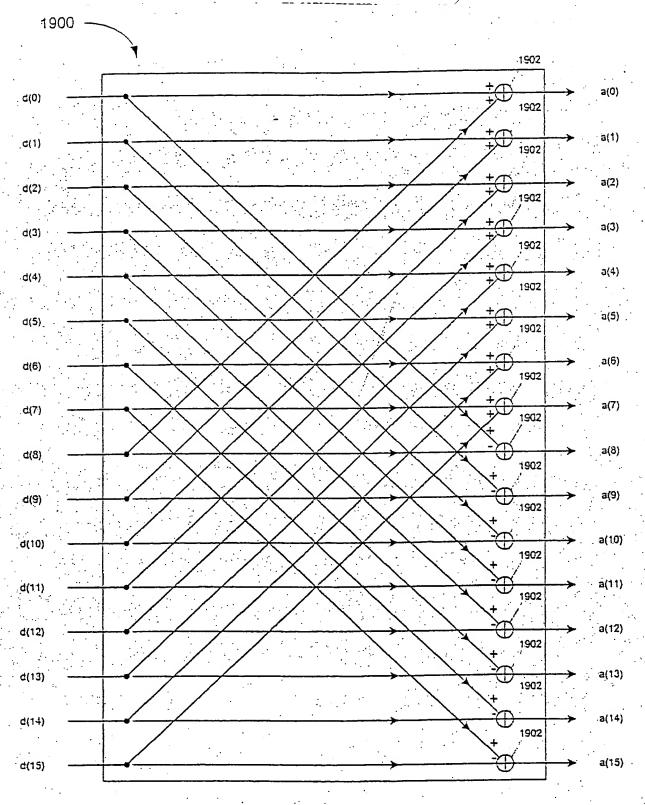
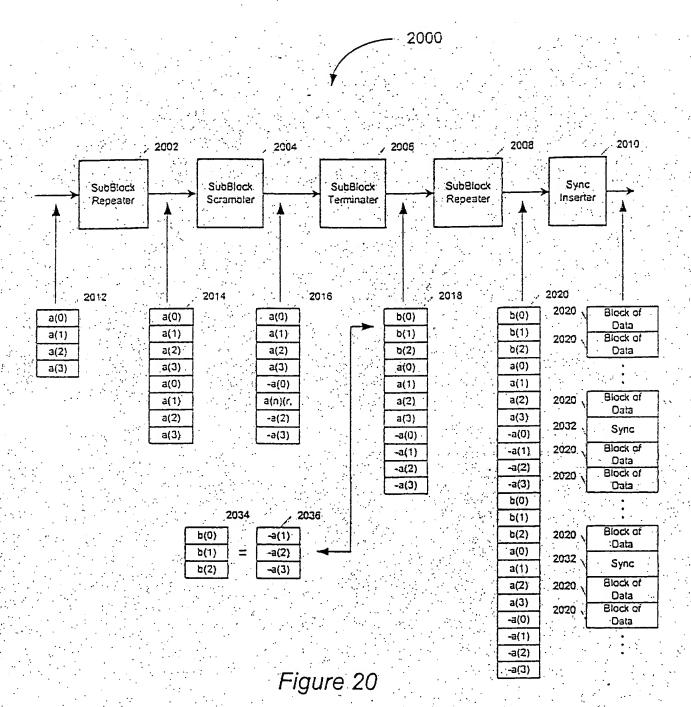


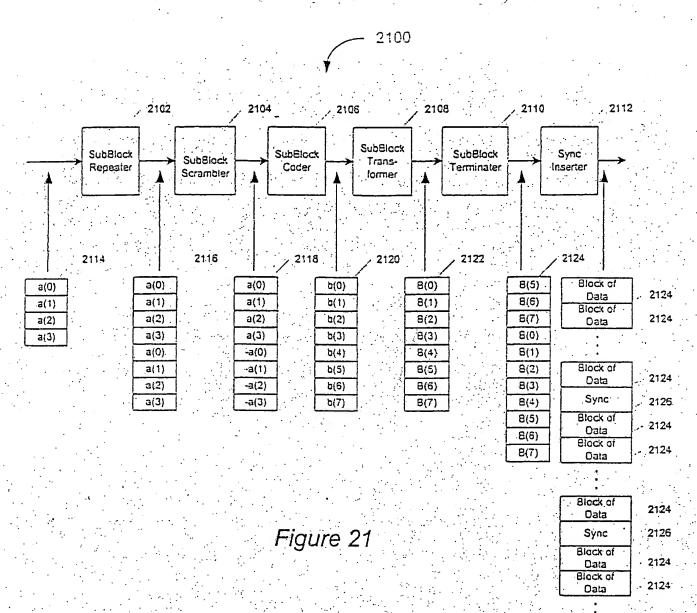
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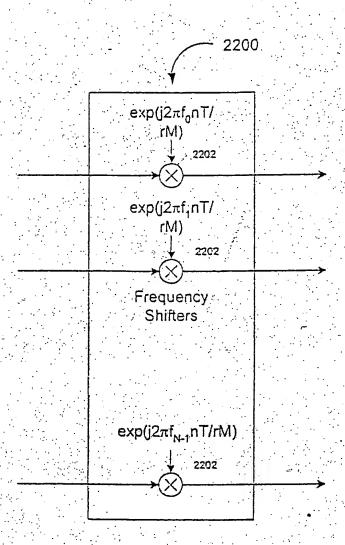


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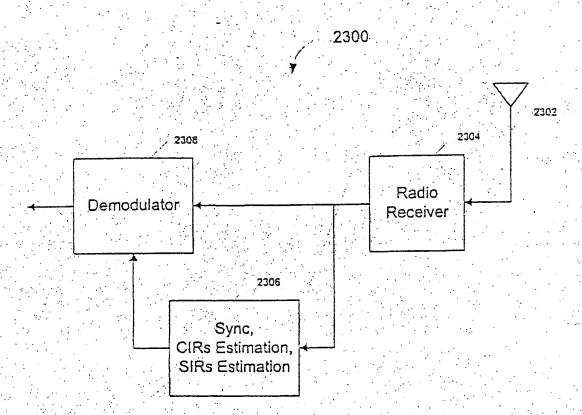


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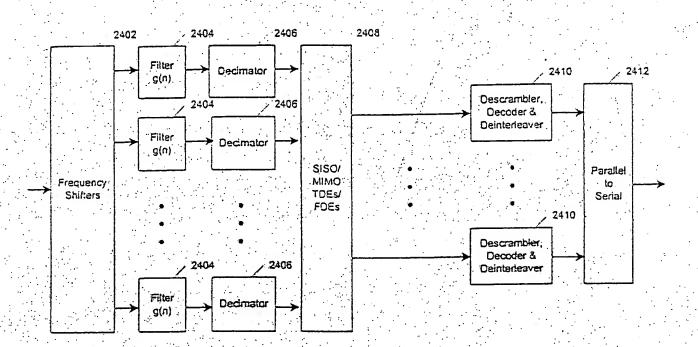


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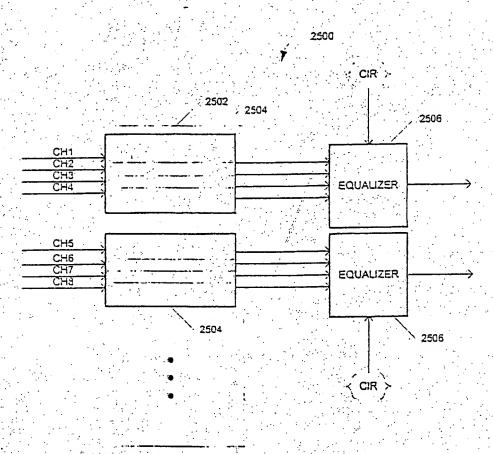


Figure 25

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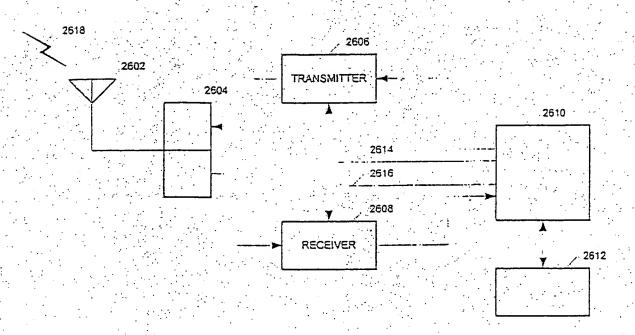
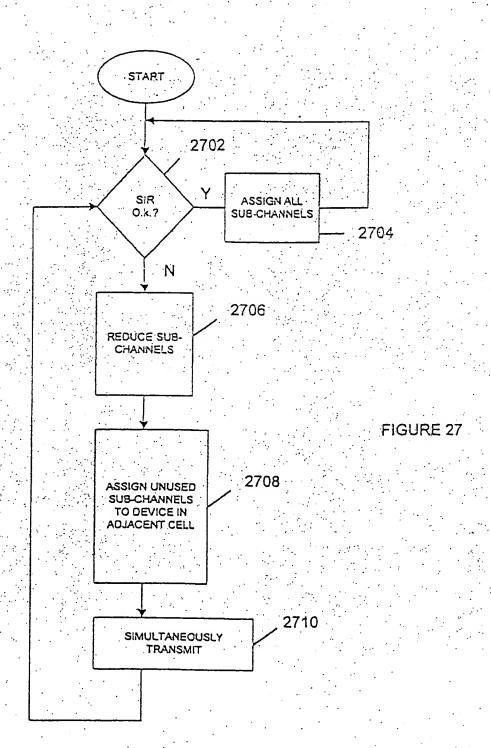
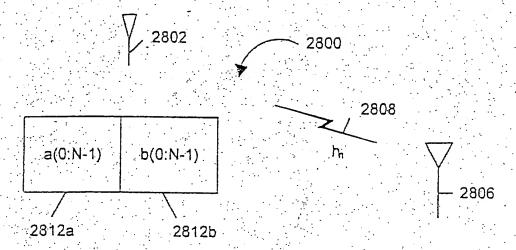


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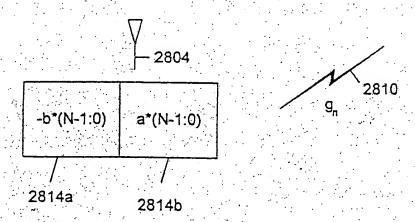
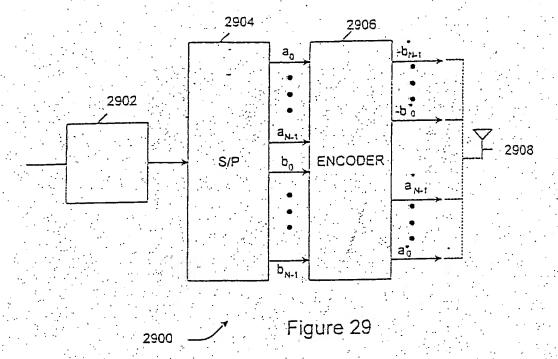
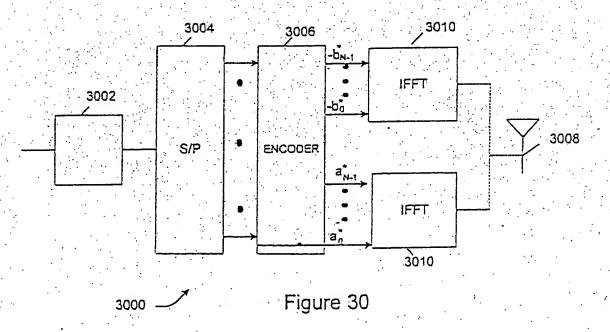


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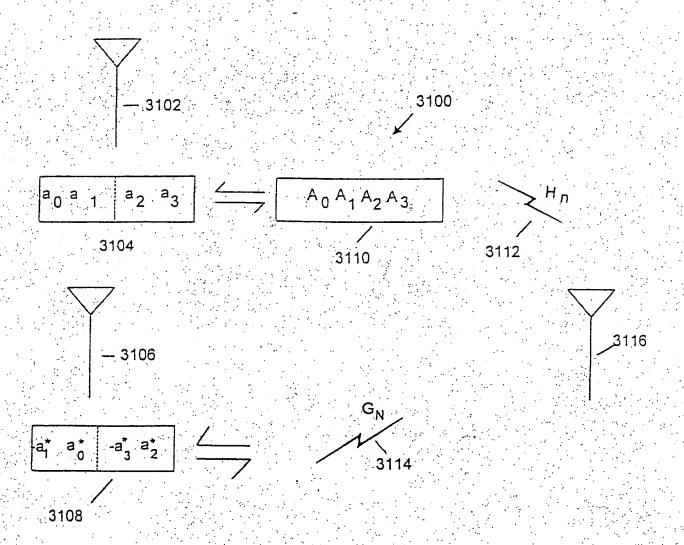


Figure 31

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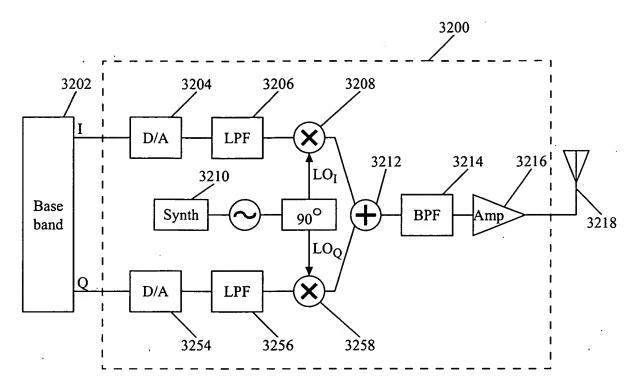


Fig. 32

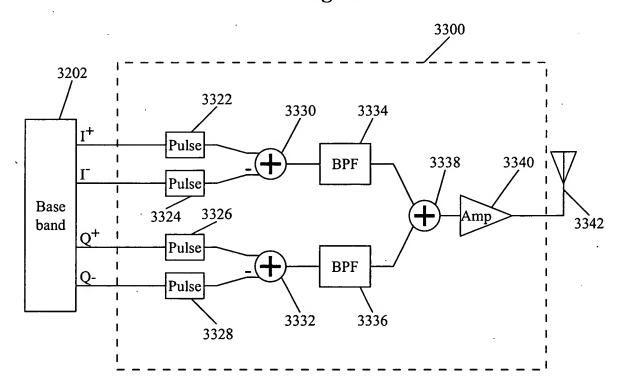


Fig. 33

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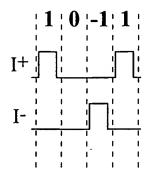


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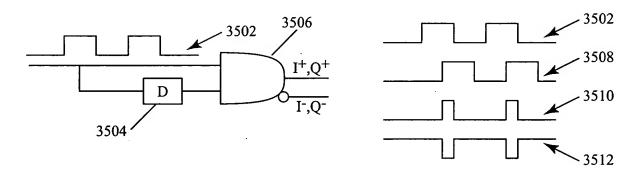


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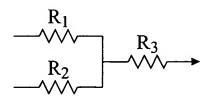


Fig. 36

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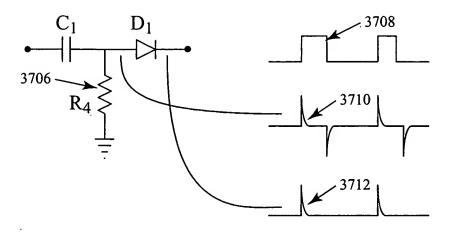


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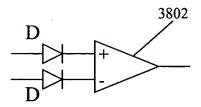


Fig. 38

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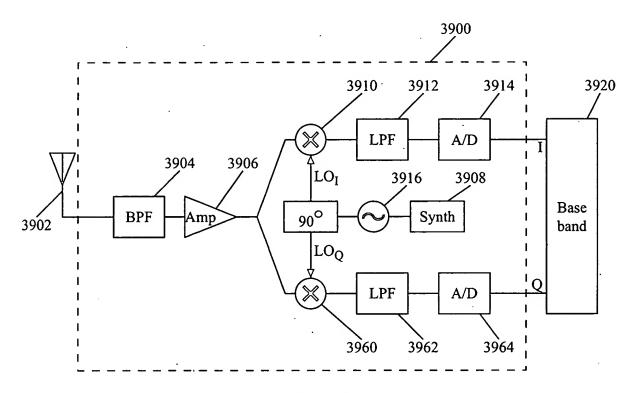


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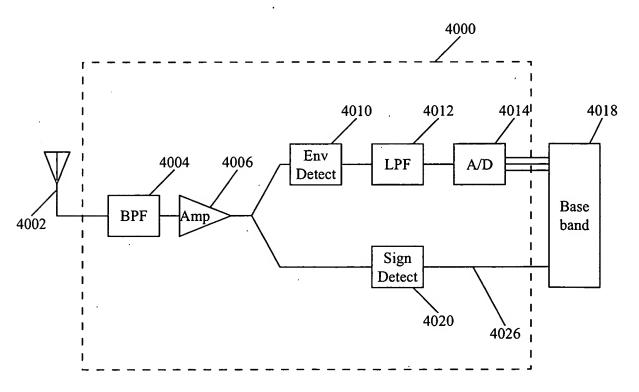
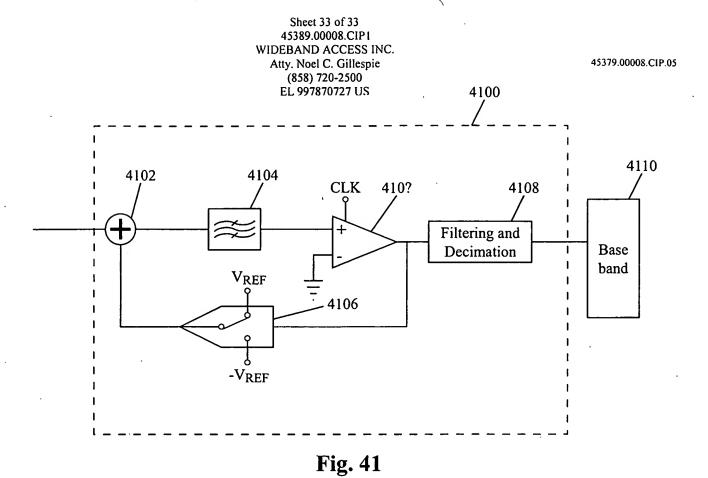


Fig. 40



Sampling Frequency	BPF Order	Over Sampling Factor	Effective No. of Bits
5.33 GHz	0	4	1
5.33 GHz	1	4	2
5.33 GHz	2	4	2.85
8 GHz	0	6	1.3
8 GHz	1	6	3
8 GHz	2	6	4.3
10.666 GHz	0	8	1.5
10.666 GHz	1	8	3.64
10.666 GHz	2	8	5.35

Fig. 42